

**INTERNATIONAL SEARCH REPORT**

International application No.

PCT/JP2005/001375

**A. CLASSIFICATION OF SUBJECT MATTER**  
Int.Cl<sup>7</sup> H04R7/02

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
Int.Cl<sup>7</sup> H04R7/02

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
Jitsuyo Shinan Koho 1922-1996 Jitsuyo Shinan Toroku Koho 1996-2005  
Kokai Jitsuyo Shinan Koho 1971-2005 Toroku Jitsuyo Shinan Koho 1994-2005

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 62-202699 A (Mitsubishi Electric Corp.), 07 September, 1987 (07.09.87), All pages; all drawings (Family: none)	1-39
Y	JP 58-92195 A (Onkyo Corp.), 01 June, 1983 (01.06.83), All pages; all drawings (Family: none)	1-39
Y	JP 58-165500 A (Onkyo Corp.), 30 September, 1983 (30.09.83), All pages; all drawings (Family: none)	1-39

Further documents are listed in the continuation of Box C.

See patent family annex.

- \* Special categories of cited documents:
- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search  
02 May, 2005 (02.05.05)

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24 May, 2005 (24.05.05)

Name and mailing address of the ISA/  
Japanese Patent Office

Authorized officer

Facsimile No.

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**C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 6-345944 A (Hokuetu Paper Mills, Ltd.), 20 December, 1994 (20.12.94), All pages; all drawings (Family: none)	1-39
Y	JP 58-107798 A (Matsushita Electric Industrial Co., Ltd.), 27 June, 1983 (27.06.83), All pages; all drawings (Family: none)	1-39
Y	JP 10-195305 A (Dainippon Printing Co., Ltd.), 28 July, 1998 (28.07.98), All pages; all drawings (Family: none)	1-39